

ABSTRACT OF THE DISCLOSURE

A touch measurement system includes a touch probe for detecting touching of a workpiece by a touch probe stylus and including at least one sender for emitting an infra-red light in response to detection of the touching, and a receiving unit including a housing having a window permeable to an infra-red light and provided with an electro-conductive coating for shielding an interior of the housing from electro-magnetic interferences, and an infra-red light receiver for receiving the infra-red light emitted by the sender of the touch probe, and a unit for processing the infra-red light received by the receiver, with both the receiver and the processing unit being located in the housing interior.